


OIT-0378-86

12 MAY 1986

MEMORANDUM FOR: Chief, Analytic Support Group, DI

25X1
FROM:


Acting Director of Information Technology

SUBJECT: DI Near-Term Communications Requirements

REFERENCE: Memo for D/OIT/DA fm C/ASG/DI, dtd 21 Apr 86,
Same Subject

The 15 referenced requirements have been received and distributed to the responsible OIT personnel. The requirements are being evaluated for preliminary cost estimates, feasibility, and availability of equipment and resources. You will receive OIT's response by COB 21 May 1986.


STAT

SUBJECT: DI Near-Term Communications Requirements

C/PMD/ESG/OIT, **(7 May 86)**

STAT

Distribution:

Orig - Addressee

1 - AD/OIT

1 - PMD/ESG Chrono

2 - OIT Registry

Date 11/23

Action Info Seen

D			
DD		✓	✓
DD-M			✓
DD-O		✓	✓
Nancy			
Mimi			
Yolanda			
SA/D&E			
A&TPS			
C/NBPO			
C/IISG			
C/NSG			
C/NSEG			
C/MISG			
C/GOG			
C/ESG	✓		
C/DFG			
C/M&CG			
C/AS			
HRP			
Destroy			

COMMENT:

1. George: Some of these belong to DFG.
(I want DFG at our next monthly mtg.)
2. Interim reply by 7 May
3. See me on these - some of these need to be on Maloney's list !!!

Yolanda: track

7 ESG

~~SECRET~~

21 April 1986

MEMORANDUM FOR: Director, Office of Information Technology
FROM: Chief, Analytic Support Group, DI
SUBJECT: DI Near-Term Communications Requirements

1. Recently the Analytic Support Group coordinated the Directorate Communications requirements which would be in the DI budget for FY88 through FY92. These requirements have been sent forward to Office of Communications. In addition to those communication needs which were appropriate for that submission, the DI Offices surfaced requirements for many other projects which are required before FY89. These have been discussed with OC and OIT representatives.

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2. Based on the advice received from:

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the attached fifteen requirements are hereby being forwarded to you for consideration.

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3. The DI requests that preliminary cost estimates be provided by 7 May, 1986, if feasible, so that an overall Directorate prioritization of communication requirements for the near term can be developed. If any of these requests for service can be integrated with existing capabilities to reduce cost, please let us know.

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4. Your staff officers are encouraged to call the contacts Directorate provided on each request form in order to better understand the requirements. will serve as the office point of contact should further coordination be necessary.

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Attachment:
As stated

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REQ. NUMBER:

OFFICE RANK: 1

OFFICE: OGI

TITLE: Seawatch System

ESG

Please check type of New Communications Service.

☒ Enhanced communications to existing capabilities.☐ Communications services for Ongoing Initiatives.☐ Communicatioins services for New Initiatives.

REQUIREMENT:

OGI, OIA, and SOVA need access (secure terminal link) to Navy/NOIC merchant ship and combatant information contained in seawatch system (located at) on a current basis to support analysis.

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JUSTIFICATION:

OGI and OIA need ship characteristics and position data for merchant ships to analyse movement of arms and other commodities. SOVA analyzes Soviet ~~combatant~~ *naval* ship movements.

TIME REQUIREMENT:

Hookup is desirable when Seawatch III version comes on line in 1987.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

There is a large--and growing--volume of ad hoc requests for such information at the same time Navy is reducing its reporting due to internal requirements. Needed information is unavailable elsewhere.

CONTACT:

Name:

Office: DDI/OGI/GD/IT

Telephone:

25X1

25X1

SECRET

REQ.NUMBER: 2

OFFICE RANK:

ESG

OFFICE: CPAS

TITLE: Extensions to MEDUSA Teleconferencing System

Please check type of New Communications Service.

☐ Enhanced communications to existing capabilities.

☒ Communications services for Ongoing Initiatives.

☐ Communications services for New Initiatives.

REQUIREMENT: Add extensions to the MEDUSA Teleconferencing equipment in 7F33.

JUSTIFICATION: As the use of secure Teleconferencing grows the DCI and other Senior Agency officials will want this system routed directly to their offices or conference rooms.

TIME REQUIREMENT: Implementation by FY88.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

None

CONTACT:

Name:

25X1

Office:

CPAS/ES

Telephone:

25X1

SECRET

C O N F I D E N T I A L

REQ. NUMBER: 3

OFFICE RANK: .

ESG

OFFICE: CPAS

TITLE:: Communications Link from Cartography and Design Center to P&PD Building

Please check type of New Communications Service.

- ☒ Enhanced Communications to Existing capabilities.
- ☐ Communications services for Ongoing Initiatives.
- ☐ Communications services for New Initiatives.

REQUIREMENT:

High data rate (T1) line from GH-43 Headquarters to P&PD building to send 60 page multi-source documents in support of electronic publishing.

JUSTIFICATION:

Improve the timeliness and accuracy of Agency publications.

TIME REQUIREMENT:

Implementation by FY88

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Without this capability, electronic publishing cannot take place.

CONTACT:

Name:

25X1

Office: CPAS/CDP

Telephone:

25X1

C O N F I D E N T I A L

SECRET

REQ. NUMBER:

OFFICE RANK: 2

OFFICE: OIA

ESG

TITLE: Communications Support for INS

Please check type of New Communications Service.

☐ Enhanced communications to existing capabilities.

☒ Communications services for Ongoing Initiatives.

☐ Communications services for New Initiatives.

REQUIREMENT:

Narrow- and wide-band data links to support connection of 60 AIDS stations located at CIA Headquarters with the Improved NPIC System (INS) National Base of Imagery Derived Information (NBIDI) The system will include graphic alphanumeric, and pixel data capabilities. An additional three links are necessary to serve the precision mensuration system. Additionally, a wide-band local area network will be required for OIA's facilities at Headquarters to support the 15 BIUs controlling the AIDS stations.

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JUSTIFICATION:

The NBIDI resident in the INS is a basic research tool of OIA image analysts. Data vital to the image exploitation process includes collection status, national exploitation results, intelligence tipoff, and technical data necessary to support mensuration and IDEX softcopy operations.

TIME REQUIREMENT:

OIA currently has 40 AIDS terminals, with an additional 20 to be purchased in 1985. Relocation of these terminals and mensuration devices to CIA Headquarter will occur in CY 1987/88.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Lack of the stated capability and access to data resident in the NBIDI would impose a severe limitation on the analytic process in support of DI and DO intelligence research.

CONTACT:

Name:

Office: OIA/PASB, 3N200-13

Telephone:

25X1

25X1

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SECRET

SECRET

REQ. NUMBER:

OFFICE RANK: 4

ESG

OFFICE: OIA

TITLE: Communications Support For NSA Flashboard System

Please check type of New Communications Service.

☐ Enhanced communications to existing capabilities.

☐ Communications services for Ongoing Initiatives.

☒ Communications services for New Initiatives.

REQUIREMENT:

A single communication link to the NSA Flashboard network located at the Headquarters building will be required.

JUSTIFICATION:

The NSA Flashboard system provides communications to other intelligence organizations and is vital to OIA's coordination for US response to terrorist activities.

TIME REQUIREMENT:

Installation of a terminal for this system is in progress, and will require relocation to Headquarters in CY 1987/88.

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IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Lack of the stated capability and access to that system would impose severe limitations on OIA's participation in a national response effort.

CONTACT:

Name:

25X1

Office: OIA/PASB, 3N200-13

25X1

Telephone:

25X1

SECRET

S E C R E T

REQ. NUMBER:

OFFICE RANK: 1

ESG

25X1

OFFICE: OSWR [REDACTED]

TITLE: Secure Communications With Contractors And Other U.S. Gov't Agencies

Please check type of New Communications Service.

- ☐ Enhanced Communications to Existing capabilities.
☐ Communications services for Ongoing Initiatives.
☒ Communications services for New Initiatives.

REQUIREMENT:

KY-71 with FAX capability.

JUSTIFICATION:

1. Security.
2. The sensitive nature of the material associated with the Program is such that conversations with contractors and other government personnel throughout the Intelligence Community must be held in a secure system. In addition, the Program Office must have a FAX capability for the transfer of sensitive documents.

TIME REQUIREMENT:

FY-86 (As soon as possible because of a time critical sensitive program.)

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Not Applicable.

CONTACT:

Name: [REDACTED]

Office [REDACTED]

Telephone: [REDACTED]

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S E C R E T

S E C R E T

REQ. NUMBER:

OFFICE RANK: 3

OFFICE: OSWR/NED

TITLE: Secure Communications to Contractors

DFG

Please check type or New Communications Service.

☒ Enhanced communications to existing capabilities.

☐ Communications services for Ongoing Initiatives.

☐ Communications services for New Initiatives.

REQUIREMENT: Upgrade existing secure communications links to NED contractors and add secure links to Martin Marietta Energy Systems Oak Ridge Gaseous Diffusion Plant and Battelle Pacific Northwest Laboratories. Upgrade should include higher rate digital link with capability to handle text, graphics and photography and ability to interface on each end to existing computer systems.

JUSTIFICATION: Urgent need for efficient, timely and comprehensive exchange of information with contractors by secure means.

TIME REQUIREMENT: These enhancements are needed as early in the FY87-91 period as possible. Priorities can be provided on the complete list of contractors to assist in the upgrade process.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS: NED will have difficulty providing comprehensive fully coordinated intelligence to consumers on highly technical weapons programs in a timely manner without this upgrade.

CONTACT:

Name:

25X1

Office: OSWR/NED

Telephone:

25X1

SECRET

S E C R E T

REQ. NUMBER:

OFFICE RANK: 4

OFFICE: OSWR/NSD

TITLE: Secure Voice Communications

DFG

Please check type of New Communications Service.

☐ Enhanced Communications to Existing capabilities.
☐ Communications services for Ongoing Initiatives.
☒ Communications services for New Initiatives.

REQUIREMENT:

Establish secure voice communications with Sequoia Research Corporation in Torrance, California. Sequoia Research Corporation supports CIA, NSA, and NISC.

JUSTIFICATION:

We discuss technical information with Sequoia personnel on a daily basis. A secure voice link would greatly improve the quality and timeliness of our communications. SRL will pay for the KY-71 installations.

TIME REQUIREMENT:

Would prefer in FY-86; we will accept in FY-88.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Not Applicable.

CONTACT:

Name:
Office: OSWR/NSD
Telephone:

*Didn't DFG
do this. See chrono
for memo to D/OSWR*

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S E C R E T

S E C R E T

REQ. NUMBER:

OFFICE RANK: 5

OFFICE: OSWR/NED

TITLE:: Secure Data Transmission Link to Contractors

Please check type of New Communications Service.

- ☒ X Enhanced Communications to Existing capabilities.
☐ Communications services for Ongoing Initiatives.
☐ Communications services for New Initiatives.

REQUIREMENT:

(1) Provide for people and equipment needed to meet the security requirements for transmission and receipt of SCI material with our contractors on the WANGICT link.

(2) Provide the capability to transfer, load, and receive documents with contractors online with VM interface to WANGICT.

JUSTIFICATION:

(1) Security requirements in the field require two people to be present when operating the WANGICT. The contractors cannot devote two people to this. As a result, the usefulness of our link is greatly diminished.

(2) We want to be able to create documents or send documents electronically from VM to the WANGICT and to the contractors and vice versa (e.g., National Lab. data bases) on line.

TIME REQUIREMENT:

Could use it right away in FY-86. We have been doing some initial exploration with OIT. We will accept it in FY-88.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

This communication link impacts our frequent and continual contacts with seven contractors, including coordinated responses and communications with DDS&T/OTS.

CONTACT:

Name:
Office: OSWR/NED/NWB
Telephone:

25X1

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S E C R E T

S E C R E T

REQ. NUMBER:

OFFICE RANK: 6

OFFICE: OSWR

TITLE:: Secure Phones

Please check type of New Communications Service.

ESG

☐ Enhanced Communications to Existing capabilities.
☐ Communications services for Ongoing Initiatives.
☒ Communications services for New Initiatives.

REQUIREMENT:

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JUSTIFICATION:

We (OSWR/NSD) have SI/TK/G contracts ongoing with which require nearly daily exchange of information.

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TIME REQUIREMENT:

As soon as possible.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

There are several contracts with Maxim in OSWR outside of OSWR/NSD.

CONTACT:

Name:
Office: OSWR/NSD
Telephone:

25X1

25X1

S E C R E T

S E C R E T

REQ. NUMBER:

OFFICE RANK: 7

OFFICE: OSWR/NSD

TITLE: Secure Voice Communications

DFG?

Please check type of New Communications Service.

☐ Enhanced Communications to Existing capabilities.
☐ Communications services for Ongoing Initiatives.
☒ Communications services for New Initiatives.

REQUIREMENT:

Establish secure voice communications with the TRW Corporation office in Merrifield, Virginia.

JUSTIFICATION:

There exists a need to exchange information with TRW personnel in a timely and secure fashion.

TIME REQUIREMENT:

Would prefer as early as possible in FY-86; otherwise program for FY-88 or earlier.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Not Applicable.

CONTACT:

25X1

Name:

Office: OSWR/NSD

25X1

Telephone:

S E C R E T

S E C R E T

REQ. NUMBER:

OFFICE RANK: 8

OFFICE: OSWR/AVAD

TITLE: Secure Voice Communications

DFG

Please check type of New Communications Service.

☐ Enhanced Communications to Existing capabilities.
☐ Communications services for Ongoing Initiatives.
☒ Communications services for New Initiatives.

REQUIREMENT:

Establish secure voice communications with Martin Marietta, ✓
Orlando, Florida.

JUSTIFICATION:

There exists a need to exchange information with personnel at
Martin Marietta on time critical problems.

TIME REQUIREMENT:

Would prefer in FY-86; we will accept in FY-88.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Not Applicable.

CONTACT:

25X1 Name:
25X1 Office: OSWR/AVAD
Telephone:

S E C R E T

Office Rank: 9

OFFICE: Office of Scientific and Weapons Research

TITLE: Access to ARPANET and Other USG Electronic Fora

Please check type of New Communications Service

- ☒ Enhanced communications to existing capabilities
- ☐ Communications services for Ongoing Initiatives
- ☐ Communications services for New Initiatives

~~ESG~~
OIT/DAE

REQUIREMENT: Access for CIA analysts and contractors (even from standalone terminals) to external unclassified data bases and USG electronic mail systems. Of interest are ARPANET (and similar electronic mail systems serving USG agencies and their contractors).

JUSTIFICATION: Currently, only a few standalone terminals exist around the building. Further, only a few analysts have passwords and access to the government systems. Much broader access is required if CIA is to make full use of the professional interaction afforded by this system.

TIME REQUIREMENT: The need exists today and is growing rapidly.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS: Analysts are not able to correspond electronically with professional colleagues. As a direct result, the quality and/or timeliness of analysis suffers.

CONTACT:

Name:

Office: OSWR/STD

Phone:

□

SECRET

Office Rank: 10

OFFICE: Office of Scientific and Weapons Research

TITLE: Secure Electronic Mail System Serving Intelligence
Community Analysts

Please check type of New Communications Service

☐ Enhanced communications to existing capabilities

☐ Communications services for Ongoing Initiatives

☒ Communications services for New Initiatives

017/D+E
EST

REQUIREMENT: Secure electronic mail system serving intelligence community analysts. Should have all the features of good quality commercial systems: mail, conferencing, news, special interest groups, etc. System should be accessible from analysts' workstations.

JUSTIFICATION: Currently, it is difficult for community analysts working the same topic to exchange material at the working level. An electronic mail system patterned after the large commercial systems would greatly facilitate working level exchange.

TIME REQUIREMENT: The need exists today and is growing rapidly.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS: Analysts are not able to correspond electronically with professional working level colleagues. As a direct result, the quality and/or timeliness of analysis suffers.

CONTACT:

Name:
Office: OSWR/STD
Phone:

25X1

25X1

SECRET

Office Rank: 11

OFFICE: Office of Scientific and Weapons Research

TITLE: Access to External Data Base Systems

Please check type of New Communications Service

- ☒ Enhanced communications to existing capabilities
☐ Communications services for Ongoing Initiatives
☐ Communications services for New Initiatives

OIT/AD+E
~~ESG~~

REQUIREMENT: Access (from analysts workstations) to external phone lines for the purpose of interrogating external unclassified data bases and passing electronic mail. Data bases of interest include commercial systems as well as those of contractors, academia, and DoD agencies. Electronic mail is of interest between CIA and selected contractors, DoD agencies, ARPANET (and similar electronic fora). Hardware and software will be required to maintain positive security control: external unclassified materials may pass into the agency data bases but no classified material may pass to the external systems.

JUSTIFICATION: At present, a very uneven patchwork of accesses exists for analysts needing unclassified data. Because existing terminals cannot be used for external access, analysts must work through OCR, or a handful of standalone terminals throughout the building. Because of the inconvenience, only a small amount of the potential value of external data bases is recognized.

TIME REQUIREMENT: The need exists today and is growing rapidly.

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS: Analysts do not employ external data bases in analysis except in unusual circumstances. Further they are not able to correspond electronically with professional colleagues except thru a handful of standalone machines. As a direct result, the quality and/or timeliness of analysis suffers.

CONTACT:

Name:

Office: OSWR/STD

Telephone:

25X1

25X1

25X1

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